

# Technology Commercialization Funding Opportunity

Intellectual Property Office  
Strategic Partnerships Office  
September 17, 2020

# What is TCF



A gap fund to facilitate the commercialization of promising energy technologies developed at DOE Labs/facilities

- to fulfill statutory direction authorized under Section 1001 of the Energy Policy Act of 2005
- to increase commercial impact of lab developed energy technologies
- to encourage stronger partnerships between DOE Labs and private sector bringing energy technologies to the marketplace



## Download the TCF solicitation document

(issued on Sep. 10, 2020)

<https://ipo.lbl.gov> or <https://www.labpartnering.org/TCF/Resources>

## Proposal Eligibility Declaration due by Oct. 8, 2020 5pm EST

Watch OTT's pre-recorded webinar

<https://www.labpartnering.org/TCF/Resources>

# Who is Eligible



- Must be a Berkeley Lab employee
- Must have an active IP status
  - IPO has a record of your invention or software
  - IPO has filed a provisional or non-provisional patent application or received DOE's permission to assert copyright by the time DOE obligates funding
- 50% cost match required from a non-fed source
- A CRADA is required prior to work begins with an external partner
- Project must align with at least one of the Program Office **Technology Areas listed in the Appendix A of the solicitation** (pg. 27 ~ 49)

# Where Does TCF Funding Come From



- 0.9% of the Program Offices budget in the fiscal year

Participating DOE Program Office	Estimated FY21 Funding Range
Energy Efficiency and Renewable Energy (EERE)	\$15M - \$17.5M
Nuclear Energy (NE)	\$5.5M - \$6.7M
Fossil Energy (FE)	\$1.1M - \$2.5M
Electricity Delivery and Energy Reliability (OE)	\$1.1M - \$1.3M
Cybersecurity, Energy Security, and Emergency Response (CESER)	\$0.2M - \$0.4M
Total TCF	\$23.1M - \$28.5M

## Topic 1 (Tech Maturation)

- \$100,000 - \$250,000
- 6-18 months

## Topic 2 (Cooperative Development)

- \$250,000 - \$1,500,000
- 12-36 months

**Consider applying if you are working with a partner or plan to execute a CRADA in the next 12 – 18 months or participated in I-Corps Programs**

## 1. Commercial Impact

- Potential market impact (topic 1 & 2)
- Clear identification of current or anticipated market needs and go-to-market strategy (topic 2)

## 2. Technology Maturity

- Advances necessary to attract or secure a private partner or next steps if a partner already exist (topic 1)
- Activities needed to achieve commercialization goals (topic 2)

## 3. Project Plan

- Clear explanation of the goals and outcomes and a viable approach
- Tasks clearly linked to performance metrics and deliverables

## 4. Project Team and Resources

# Cost Matching and Partners



- At least 50% of the total project costs from a non-fed source
- Contributions can be cash or in-kind or both
- Partners can be any non-Federal entity, i.e. private companies, state or local governments, universities or non-profit organizations
- All in-kind contributions must meet all of DOE's requirements
- CRADA is required before work begins with an external partner





# Acceptable Cost Match Contributions

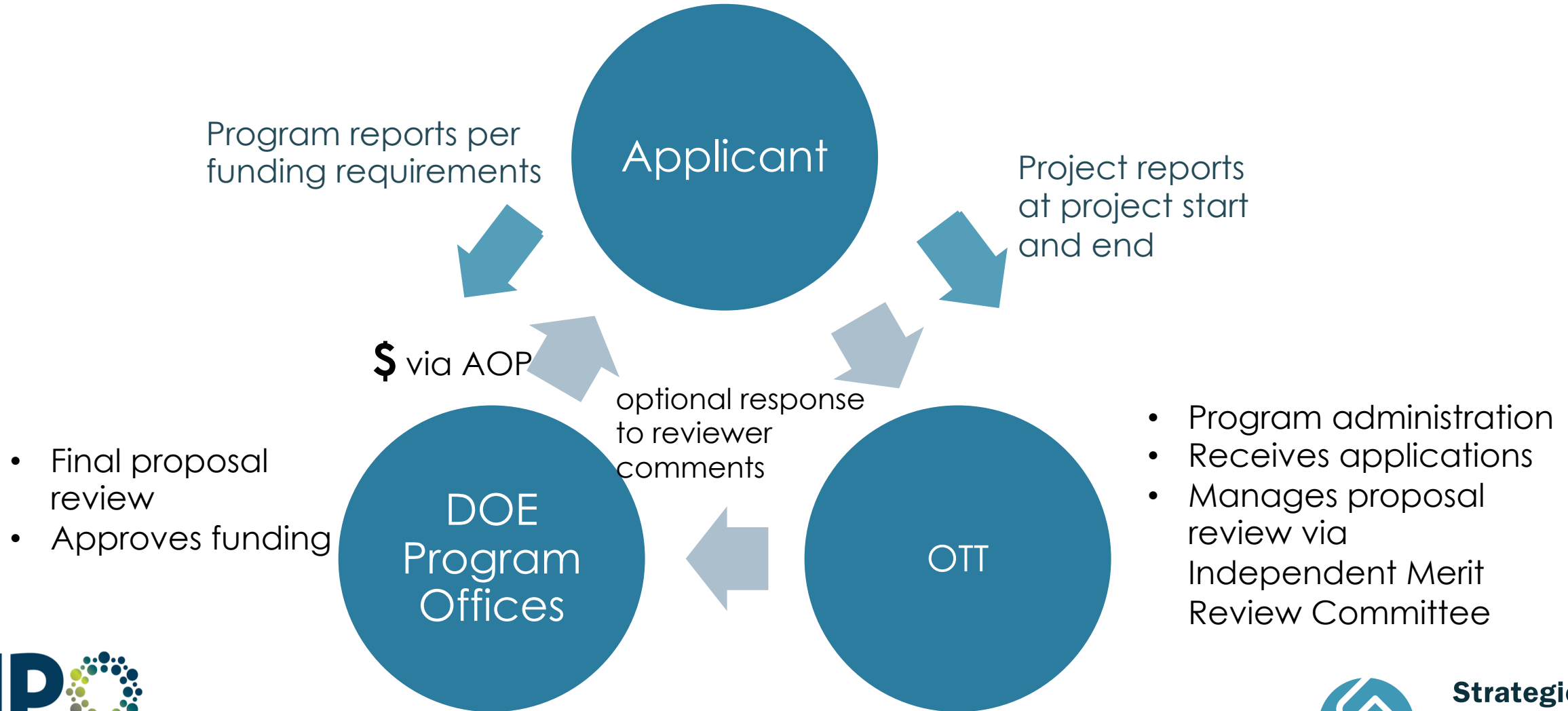


All contributions must satisfy all of the following criteria:

- Verifiable from the recipient's records
- Not included as contributions from any other Fed project or program
- Necessary and reasonable to accomplish project/program objectives
- Allowable under the cost principles applicable to the entity
- Not paid by another award funded by Federal Government
- Provided for in the approved budget



# TCF Proposal Process



# How To Learn More



## **Download the TCF solicitation document**

<https://ipo.lbl.gov/doe-launches-fy21-technology-commercialization-fund-tcf-solicitation/>

## **Watch OTT's pre-recorded webinar**

<https://www.labpartnering.org/TCF/Resources>

# Past TCF Awardees



- Mike Tucker (ETA)
- Brett Helms (MF)
- Tianzhen Hong (ETA)
- Ning Sun (ABPDU)
- Gao Liu (ETA)
- Maxim Martchevskii (AASU)
- Anup Singh/ Nathan Hillson (JBEI)

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# Key Dates



<b>Solicitation Issue Date</b>	September 10, 2020
<b>Pre-Recorded Informational Webinar Available</b>	September 10, 2020
<b>Deadline for Mandatory Proposal Eligibility Declarations</b>	October 8, 2020 5:00 p.m. (ET)
<b>Anticipated Notification of Full Proposal Eligibility</b>	November 3, 2020 5:00 pm (ET)
<b>Deadline for Full Proposals</b>	December 15, 2020 5:00 p.m. (ET)
<b>Anticipated Review Comments</b>	Mid-late March 2021
<b>Optional Response to Review Comments</b>	Three (3) Business Days Later
<b>Expected Date for Selection Notifications</b>	Spring 2021

# Means of Submission



- **Proposal Eligibility Declaration due by Oct. 8, 2020 5pm ET**
  - use PED template available at <https://www.labpartnering.org/TCF/Resources>
  - Submission via email to both [TCF@hq.doe.gov](mailto:TCF@hq.doe.gov) and [TCFsubmissions@inl.gov](mailto:TCFsubmissions@inl.gov)
- **Full proposal due by Dec. 15, 2020 5pm ET**
  - *Via PROPs* <https://proposalsott.inl.gov>



## Externally

- TCF program rules and proposal process - [TCF@hq.doe.gov](mailto:TCF@hq.doe.gov)
- Using *PROPs*, the online application system - [TCFsubmissions@inl.gov](mailto:TCFsubmissions@inl.gov)

## Internally

- TCF program & IP – Shanshan Li, [shanshanli@lbl.gov](mailto:shanshanli@lbl.gov)
- CRADA – Todd Pray, [TPray@lbl.gov](mailto:TPray@lbl.gov)